

## Product Specifications

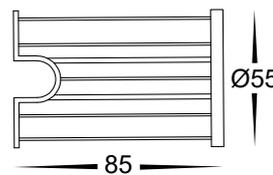
Model No.	HV2899NW-AB	HV2899NW-BR	HV2899NW-SS316	HV2899NW-BLK	HV2899NW-CP
Name	Lokk				
Material	Brass Face + 316 Stainless Steel Body		316 Stainless Steel		Copper Face + 316 Stainless Steel Body
Colour	Antique brass	Brass	Stainless Steel	Black	Copper
Installation Type	Wall - Recessed				
IP Rating	IP65				
Input Voltage	12v DC				
Protection Class	3 - Low Voltage				
Lamp Base	MR11				
Lamp Wattage	1x 3w				
Colour Temp	3000K   4000K				
Lumens	270lm, 300lm				
CRI	> 80				
Wiring	Parallel				
Dimmable	No				
Warranty	3 Years Replacement*				

### Important Safety Issues:

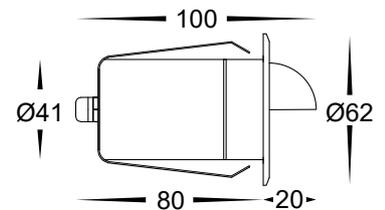
- This product must be installed by a qualified electrician according to AS/NZS 3000.
- Ensure all electrical mains are disconnected before any installation.
- Modification of this product will void any warranty.
- Havit Lighting does not take responsibility for wrong installation, incorrect use, or use of installation material that does not belong to the system.
- When installing low voltage fittings, Voltage to fitting must be within +or- 5% of voltage required and cannot be installed more than 25m from LED Driver, if not within this allowance warranty will be voided.
- Aluminium and 304SS fittings must not be installed within 5km of any salt water environments.
- All o-rings and seals must be in place correctly to maintain warranty.
- These instructions may be updated at any time due to product improvements, Please visit website for most current installation instructions.

### Dimensions

Cut Out With Canister  
Ø55



Cut Out Without Canister  
Ø42



### Steps for Installation:

1. Make sure that the electrical circuit is free of voltage (master switch off)
2. Make a hole where fitting is to be placed using dimensions provided on line drawings, making sure adequate drainage is allowed.
3. Using an appropriate 12v DC LED Driver - DO NOT CONNECT LIGHT FITTING DIRECTLY TO 240V
4. If installing into concrete, insert canister making sure it is flush with ground level.
5. Connect the cable - If more than one fitting installed, wiring must be done in parallel.
6. Strip back the cable on both fitting and cable run and twist the positive cables together.
7. Then connect neutral cables together
8. Solder all joins using solder and either a heat gun or butane gas torch.
9. Cover connections using an adhesive lined heat shrink or gel cap to make connection watertight. Failure to do this will void warranty.
10. Heat the heat shrink or crimp the gel cap making sure all connections are covered.
11. Fitting is supplied with 3000k MR11 Globe installed in fitting. To change to 4000k.
  1. Remove front cover by twisting anti clockwise,
  2. Remove clip by squeezing and set aside,
  3. Remove globe by pulling gently
  4. Insert 4000k globe by aligning the 2 pins and pushing in gently.
  5. Reinsert clip
  6. Reattach front cover by twisting clockwise making sure this is on tight to avoid water penetration into electrical connections.
12. Insert fitting into hole or canister
13. Apply silicon around edge of fitting to prevent any water from getting inside to electrical connections.
14. All connections must be carried out carefully, inspect all contacts before switching back on the electric circuit.

**Must be installed by a licensed electrician**

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### Warranty Terms & Conditions\*



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